

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035357.D
 Acq On : 6 Aug 2020 19:50
 Operator : SY/AP
 Sample : L3554-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2-ABOVE-GROUND

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 10:43:26 AM

Quant Time: Aug 09 21:22:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1369148	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3443806	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3213593	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2698700	10.07	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	52306	0.287	ppbv #	84
3) Chlorodifluoromethane	2.94	51	73003	0.467	ppbv #	85
4) Chloromethane	3.09	50	49239	0.556	ppbv	95
9) Propene	2.97	41	272757m	4.898	ppbv	
10) Heptane	8.13	43	35034m	0.246	ppbv	
11) Trichlorofluoromethane	3.91	101	51025	0.216	ppbv	87
13) Ethanol	3.56	45	849895	44.247	ppbv	96
15) Acetone	3.81	43	1443538m	7.424	ppbv	
19) Isopropyl Alcohol	3.93	45	238185m	1.933	ppbv	
20) Methylene Chloride	4.31	84	283239	3.572	ppbv	90
26) Hexane	5.66	57	176541	1.378	ppbv #	45
30) Cyclohexane	7.11	84	14779m	0.152	ppbv	
34) 2-Butanone	5.22	43	138270m	0.815	ppbv	
35) Carbon Tetrachloride	7.00	117	13172m	0.056	ppbv	
36) Benzene	6.88	78	127899	0.550	ppbv #	93
44) 2,2,4-Trimethylpentane	7.86	57	162475m	0.393	ppbv	
53) Toluene	9.81	91	940633	3.718	ppbv	98
58) Ethyl Benzene	12.73	91	63220m	0.189	ppbv	
59) m/p-Xylene	12.99	91	204856m	0.658	ppbv	
60) o-Xylene	13.71	91	80810	0.262	ppbv	94
72) 4-Ethyltoluene	15.86	105	34522m	0.098	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	42424m	0.125	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	153921m	0.398	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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